Faculty Senate
September 13, 2023

ALL IN-PERSON ATTENDEES PLEASE SIGN-IN ON ONE OF THE SHEETS

ALL ZOOM ATTENDEES PLEASE SIGN-IN VIA THE CHAT

SENATORS: Name and Department
FACULTY GUESTS: Name and Department
NON-FACULTY GUESTS: Name and Affiliation
PRESS: Name and Affiliation
Cornell University is located on the traditional homelands of the Gayogóhó꞉nǫ' (the Cayuga Nation). The Gayogóhó꞉nǫ' are members of the Haudenosaunee Confederacy, an alliance of six sovereign Nations with a historic and contemporary presence on this land. The Confederacy precedes the establishment of Cornell University, New York state, and the United States of America. We acknowledge the painful history of Gayogóhó꞉nǫ' dispossession and honor the ongoing connection of Gayogóhó꞉nǫ' people, past and present, to these lands and waters.

This land acknowledgment has been reviewed and approved by the traditional Gayogóhó꞉nǫ' leadership.
<table>
<thead>
<tr>
<th>HYBRID FORMAT</th>
<th>In-person and remote attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZOOM CAPTIONING</td>
<td>Choose “Live Transcription” in the Zoom menu</td>
</tr>
</tbody>
</table>
| TO SPEAK | 2 minutes to pose a question or make a statement  
Identify yourself: First name, Last name and Department  
Zoom first (Muted until called)  
Floor next (to allow Senators to come up to the microphone)  
Back to Zoom  
Back to Floor |
| CHAT | Want to attend to statements on the floor; set to everyone  
Do not want to disadvantage in-person attendees; 2 minutes  
Please limit chat to sharing resources with each other  
Will be published ‘as is’ publicly on DoF website after meeting |
| RECORDING | Started at 3:30PM  
Audio and chat will be posted on agenda webpage after meeting |
Approval of Zoom Transcription Minutes

May 10, 2023

Unanimous consent requested
Raise hand (in-person or remote) for corrections only
Senate Announcements and Updates

Eve De Rosa, Dean of Faculty, Chair of the University Faculty Committee; Psychology
Chelsea Specht, Associate Dean of Faculty, Chair of the Nominations and Elections Committee; Plant Biology
Welcome new Senators Committee members Faculty!

Share your Senate Summaries with faculty!

Always looking for more faculty Volunteers!
# Office of the Dean of Faculty

<table>
<thead>
<tr>
<th><strong>Dean of Faculty</strong></th>
<th><strong>Associate Dean of Faculty</strong></th>
<th><strong>Executive Staff Assistant</strong></th>
<th><strong>Staff Assistant</strong></th>
<th><strong>CAPE Staff Assistant</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eve De Rosa</td>
<td>Chelsea Specht</td>
<td>Jill Short</td>
<td>C.A. Shugarts</td>
<td>Melissa Rooklidge</td>
</tr>
<tr>
<td>(Elected)</td>
<td>(Elected)</td>
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## University Faculty Committee
Liaison and sets the agenda for Senate meetings
9 Members (Elected)

## Nominations and Elections Committee
Staffs the Senate committees and faculty elections
9 Members (6 Elected)

## Faculty Senate
135 Senators

## 12 Senate Committees + 1 Working Group
- AD WHITE
- AFPSF
- CAPP
- EPC
- FACAPE
- FACTA
- FCPR
- FPC
- LECTURES
- LIBRARY
- MUSIC
- URRC
- RTE

## Faculty Volunteer Engine
2023-24 New Committee Members

Academic Freedom and Professional Status of the Faculty (AFPSF)
Clare Casteel – 2026 – Integrative Plant Science – CALS
Ellen Gainor – 2024 – Performing & Media Arts – CAS
Jillian Goldfarb – 2026 – Biological and Environmental Eng. – COE
Riche Richardson – 2024 – Africana Studies – CAS
John S. L. Parker – 2026 – Microbiology & Immunology – CVM

Academic Programs and Policies Committee (CAPP)
Edwin Cowen – 2026 – Civil & Environmental Engineering – COE
Thomas Pepinsky – 2026 – Government – CAS

Educational Policy Committee (EPC)
Andrew Quaglia – 2024 – Hotel Management Communication – COB
Chiara Formichi – 2026 – Asian Studies – CAS
Greg Fuchs – 2026 – Applied and Engineering Physics – COE
Haym Hirsh – 2026 – Computer Science – CIS
Jillian Goldfarb – 2026 – Biological and Environmental Engineering – CALS

Faculty Advisory Committee on Athletics and Physical Education (FACAPE)
Ashleigh Newman – 2026 – Population Medicine and Diagnostic Sciences – CVM
Brian Dillon – 2026 – Applied Economics and Management – COB
Doug Antczak – 2026 – Microbiology and Immunology – CVM

Faculty Advisory Comm. on Tenure Appointments (FACTA)
Andrei Marmor – 2025 – Philosophy – CAS
Bill Crepet – 2025 – Plant Biology Section – CALS

Committee on Financial Policies (FPC)
Francesca Molinari – 2026 – Economics – CAS
Nancy Chau – 2026 – Applied Economics and Management – COB
Rebecca Slayton – 2026 – Science & Technology Studies – CAS

University Lectures
Chair: Philip Nicholson – 2026 – Astronomy – CAS
Esra Akcan – 2027 – Architecture – AAP
Praveen Sethupathy – 2027 – Biomedical Sciences – CVM

University Faculty Library Board
Co-chair: Ravi Ramakrishna – 2025 – Mathematics – CAS
David Mimno – 2027 – Information Science – CIS
George Boyer – 2027 – Economics – CAS

Committee on Music
Chair: Bruce Johnson – 2024 – Neurobiology & Behavior – CALS
Judith Peraino – 2027 – Music – CAS
Michelle Delco – 2024 – Clinical Sciences – CVM
Nikolaos Bouklas – 2024 – MAE – COE
Roger Gilbert – 2027 – Literatures in English – CAS

A.D. White Professor-at-Large Selection Committee (PAL)
Karim Kassam – 2026 – Natural Resources and the Environment – CALS
Marilyn Migiel – 2026 – Romance Studies – CAS
Keith Obadike – 2026 – Art – AAP
Jeremy Wallace – 2026 – Government – CAS

University Assembly:
Deborah Dinner – 2025 – Law – LAW

University Assembly: Campus Planning Committee
Carole Boyce Davies – 2025 – Africana Studies & Research Ctr. – CAS

University Assembly: Campus Committee on Infrastructure, Technology and the Environment
Courtney Roby – 2025 – Classics – CAS
Felix Heisel– 2025 – Architecture – AAP

University Assembly: Codes & Judicial Committee
Muna Ndulo – 2025 – Law – LAW
Stephan Schmidt – 2025 – City and Regional Planning – AAP

University Assembly: Campus Welfare Committee
Nikole Lewis – 2025 – Astronomy – CAS

University-ROTC Relationships Committee (URRC)
Bill Philpot – 2026 – Civil & Environmental Engineering – COE
Keith Tidball – 2026 – Natural Resources and the Environment – CALS
Sample topics for Senate Committees

• AFPSF  
  Valuing collaborative and translational scholarship for tenure; 8-year tenure clock for AAP; establish University Awards Committee

• CAPP and RTE  
  Create Teaching Professor Titles? Bring back Research Scientist?

• EPC  
  Academic recommendations from mental health review

• FACAPE  
  Swim competency test

• N&E  
  Required 3-year reapportionment of Faculty Senate to reflect structural changes

• URRC  
  Reviewing ROTC faculty titles with academic human resources
Additional topics for 2023-2024

• **Faculty Forum** - Generative Artificial Intelligence in Pedagogy - November
• Addressing *student accommodations* in the classroom
• One university standard for reporting **academic integrity** across colleges and schools
  • Each semester convene all chairs and reporters
  • Pilot - College of Computing and Information Sciences (CIS) with CAPP and EPC
• **Retired faculty** - Op-Eds; IRB, IACUC, Compliance, & Research Integrity Council
• **Freedom of Expression** theme year collaboration with the University Library
• Additional 2 years to complete **5-year term as Dean of Faculty**
  • UFC requested that I extend to 5 years; President and Provost approved
  • Faculty Senate? Vote today; if a negative vote we will start seeking candidates
Senate Q&A
Senate Vote
Local Economic Snapshot FY2022

Kate Supron, Campus-Community Liaison, Cornell Community Relations
Office of Community Relations

Snapshot of external OCR current boards and working groups:
- Cayuga Lake Scenic Byway
- Cayuga Medical Center
- Child Development Council of Tompkins County
- Collegetown Neighborhood Council
- Cornell Cooperative Extension of Tompkins County
- City-Cornell Working Group
- Cornell-Collegetown Working Group
- County-Cornell Working Group
- Downtown Ithaca Alliance
- Human Services Coalition
- International Town-Gown Association
- Ithaca Area Economic Development
- Ithaca Public Education Initiative
- Ithaca-Tompkins Air Services
- Leadership Tompkins Advisory
- Lifelong
- Local Leaders of Color
- Local Leaders’ Roundtable
- Tompkins Consolidated Area Transit
- Tompkins Cortland Community College Foundation
- Tompkins County Chamber of Commerce
- Tompkins County – Cornell Working Group
- Tompkins County Council of Governments
- Tompkins County Environmental Management Council
- Tompkins County Higher-Ed COVID Working Group
- United Way of Tompkins County

Outreach,
- All Things Equal radio show
- East Hill Notes newspaper column
- Greater Ithaca Town Hall meetings

Community Relations’ staff regularly attends key on- and off-campus meetings regarding:
- Cornell projects needing municipal approvals
- University interests in economic development, sustainability, affordable housing, public works, K-12, and public health and safety
## Cornell University Ithaca Campus
### Local economic snapshot – 2022

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25,477</td>
<td>Students</td>
</tr>
<tr>
<td>10,506</td>
<td>Employees</td>
</tr>
<tr>
<td>$1.12 billion</td>
<td>Payroll</td>
</tr>
<tr>
<td>$464 million</td>
<td>Student spending</td>
</tr>
<tr>
<td>$59 million</td>
<td>Visitor spending</td>
</tr>
<tr>
<td>$334 million</td>
<td>Purchasing in Tompkins County and adjacent counties (by location of vendor).</td>
</tr>
<tr>
<td>$87 million</td>
<td>Construction spending in Tompkins County and adjacent counties (by location of prime contractor).</td>
</tr>
<tr>
<td>$7.2 million</td>
<td>Local contributions to governments, Ithaca City School District, non-profit organizations, and public transit support.</td>
</tr>
<tr>
<td>$4.7 million</td>
<td>Property taxes generated (school taxes $2.3 million, municipal taxes $1.3 million). Taxes paid on Cornell-related properties rank third in Tompkins County.</td>
</tr>
<tr>
<td>$5.2 million</td>
<td>Municipal fees (water, sewer, storm water $3.2 million; other $1.9 million). Cornell operates its own water system for most of the campus and serves as a backup to municipal water systems.</td>
</tr>
<tr>
<td>$357 million</td>
<td>External federal, state and corporate research funding spent locally.</td>
</tr>
<tr>
<td>$9.4 million</td>
<td>Capital raised by Cornell’s Center for Life Science Ventures’ Ithaca-based clients in 2022. These companies created 12 new local jobs in 2022, total of 59 local jobs.</td>
</tr>
<tr>
<td>$7.6 million</td>
<td>Capital raised by Cornell’s Praxis Center for Venture Development Ithaca based clients in 2022. These companies created 4 new local jobs, total of 17 local jobs.</td>
</tr>
</tbody>
</table>

**NOTE:** Numbers for students, employees, and payroll are for Cornell's Ithaca Campus only. Data points other than REV, Center for Life Sciences, and Praxis are Cornell Fiscal Year, July 1, 2021-June 30, 2022.
Snapshot Key audiences:

**Cornell stakeholders**
- Our Albany & DC offices
- Center for Regional and Economic Advancement
- The Assemblies
- Communicators Network

**External**
- Chamber of Commerce/local businesses
- Non-profits
- Municipalities
- Other U.S. college towns
Value of the snapshot:

- Annual, well-circulated
- Straightforward, user-friendly
- Key data in a variety of sectors
- Anticipated and appreciated
Thank you

Questions?

http://communityrelations.cornell.edu/
community_relations@cornell.edu
Kate Supron: kds95@cornell.edu
New generative artificial intelligence resource

Steven Jackson, Vice-Provost for Academic Innovation, Information Science and Science & Technology Studies

Rob Vanderlan, Executive Director, Center for Teaching Innovation
Generative AI and Teaching

Steve Jackson, Vice-Provost for Academic Innovation
Rob Vanderlan, Director of the Center for Teaching Innovation

Faculty Senate
13 September 2023
Generative Artificial Intelligence for Education and Pedagogy (August 2023):

**Chairs:** Kavita Bala, Alex Colvin  
**Committee members:** Morten H. Christiansen, Allison Weiner Heinemann, Sarah Kreps, Lionel Levine, Christina Liang, David Mimno, Sasha Rush, Deirdre Snyder, Wendy E. Tarlow, Felix Thoemmes, Rob Vanderlan, Andrea Stevenson Won, Alan Zehnder, Malte Ziewitz
• General background plus recommendations for individual faculty tailored to course-specific content and learning objectives
  - (no blanket university policy!)

• State of the art in GenAI tools (ca. summer 2023 – these will evolve!):
  - language
  - code
  - images
  - video/sound
  - software (e.g., ‘generative fill’ in Photoshop; GitHub co-pilot)
Three stances (specific to courses, learning objectives and instructors!):

- Prohibit (steer around);
- Use with attribution;
- Creative engagement and responsible use.
Field-specific appendices and examples (opportunities and concerns):

• Writing
• Music, literature, and art
• Social sciences
• Math, physical sciences and engineering
• Programming
• Law
Some meta-points:

• Importance of course and instructor-specific choice and tailoring
• Clear communication of course- (or assignment-) level policies (in syllabus, on individual assignments, etc. – see suggested CTI language)
• There are no currently effective/reliable AI detection tools (cf. plagiarism)
• Any instructor’s own use of GenAI tools should be transparent and follow ‘use with attribution’ model
Some meta-points:

- *Pro*-learning student uses of GenAI tools should be recognized (lecture/course review and synthesis, managing language barriers, etc.) (talk with students!)
- If adopting, be aware of tool biases and inequalities of access (talk with students!)
- Be aware of privacy concerns (GenAI search entries become part of future AI corpus) – no FERPA, HIPAA, personnel, etc. info should ever be entered into open GenAI systems!
- (separate committees on GenAI for research and administration, reports forthcoming)
CTI Resources

**Workshops:**

- Introduction to Generative AI, Including ChatGPT
  - Thursday, September 28, 2PM, Zoom
- Harnessing AI to Enhance Student Learning Experiences
  - Friday, September 29, 2PM, Zoom

**Web resources:**

- [AI & Academic Integrity](#)
- [AI & Accessibility](#)
- [AI in Assignment Design](#)
- [Ethical AI for Teaching and Learning](#)

**Zoom Drop-in Hours** every afternoon

[Request department meeting presentations](#)
Gathering GenAI teaching experiences at Cornell – stories, examples, ideas, feedback welcome!!!

Steve Jackson, VP for Academic Innovation (vpai@cornell.edu)
Rob Vanderlan, Director of the Center for Teaching Innovation (rjv23@cornell.edu)
Senate Discussion
Establishment of a Teaching Professor Title
An exploratory discussion of options and issues

Michael Clarkson, Senior Lecturer, Computer Science
Charles Van Loan, Professor Emeritus, Computer Science
What We Need

In this presentation we outline what it would take to develop a three-tiered teaching professor (TP) track.

Before putting together a concrete proposal, we need preliminary feedback from (a) the Senate, (b) the RTE Working Group, (c) CAPP, (d) AFPSF, (d) the colleges and departments, and (e) the Provost and Deans.

Our goal is to have a proposal by the October Senate.
Supporting Documents

Associated with this effort are three documents, all online:

1. “Towards the Establishment of a Teaching Professor Title: An Exploratory Discussion” identifies the key issues that must be taken into account during the course of developing a formal TP proposal for Senate consideration.

2. “Senate Deliberations on Teaching-Related Titles” summarizes fifty years of discussion that have a bearing on the TP issue.

3. “A Study of the Teaching Professor Track at Some Peer Universities of Cornell” offers perspectives from 20 schools that have dealt with the TP title question (or not).
The lecturer track was modelled after the research associate and extension associate tracks in the early 1970s.
Shortfalls

- Reflects a lesser view of teaching when compared to the Clinical Professor (CP) and Professor of Practice (PoP) Tracks.
- Hinders the recruitment of the best educators.
- Sends a negative message to students, parents, and alumni.
### RTE Teaching Title Numbers for AY2021-22

<table>
<thead>
<tr>
<th>Title</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecturer</td>
<td>174</td>
</tr>
<tr>
<td>Senior Lecturer</td>
<td>193</td>
</tr>
<tr>
<td>Visiting Lecturers</td>
<td>188</td>
</tr>
<tr>
<td>Instructor</td>
<td>11</td>
</tr>
<tr>
<td>Teaching Associate</td>
<td>17</td>
</tr>
<tr>
<td>Professor of Practice</td>
<td>72</td>
</tr>
<tr>
<td>Clinical Professor</td>
<td>66</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>721</strong></td>
</tr>
</tbody>
</table>

FYI: There are about 1600 tenure track faculty.
# Trends Over 2014-2022

<table>
<thead>
<tr>
<th>Category</th>
<th>2014</th>
<th>2022</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Students</td>
<td>14453</td>
<td>15735</td>
<td>+9%</td>
</tr>
<tr>
<td>Professional Students</td>
<td>2257</td>
<td>2907</td>
<td>+28%</td>
</tr>
<tr>
<td>Graduate Students</td>
<td>5140</td>
<td>7256</td>
<td>+41%</td>
</tr>
<tr>
<td>RTE Teaching Faculty</td>
<td>504</td>
<td>721</td>
<td>+43%</td>
</tr>
<tr>
<td>Tenure Track (TT) Faculty</td>
<td></td>
<td></td>
<td>Basically flat at 1600</td>
</tr>
</tbody>
</table>

Points to the increasing reliance on RTE teaching as the Grad-to-TT and Professional-Student-to-TT ratios increase.
We Need Something Like This

A three-tiered Teaching Professor (TP) track.

This requires

• job descriptions
• detailed processes
• an analysis of side effects and whether such a development strengthens Cornell.
Need Parity With Existing RTE Professorial Tracks

- Advances Undergraduate Education
- Advances Clinical Education
- Advances Practical Education
- Advances Research-Related Education
Authorization Question

If we use the CP, PoP, and RP tracks as models for the TP track, then colleges would be required to obtain Senate approval before authorizing its use.

“Enabling legislation” would be required to provide guidance to the colleges for the writing of the proposal in which they would (a) justify the need for making TP appointments, (b) describe the hiring, reappointment, and promotion processes, and (c) perhaps impose a percent limitation. Importantly, it would lay out the connection between the TP track and other faculty tracks.
Questions

Setting up the TP track will be trickier than setting up the CP and PoP tracks. Those tracks “started from scratch.” Creation of a TP track must take into consideration hundreds of colleagues who have lecturer track appointments. Some questions:

• Does the lecturer track continue and, if so, in what form?

• If the lecturer track continues, how would it relate to the TP track?
To discuss possible connections between the TP and lecturer tracks, it is handy to identify three “levels” within the latter.
The Teaching Professor track *coexists* with the Lecturer track.

The Teaching Professor track *replaces* the Lecturer track.

The Teaching Professor track *merges* with the Lecturer track.
The Coexistence Option

The TP track *coexists* with the Lecturer track.

Lecturer track “job descriptions”, renewal processes, and promotion processes would have to be rewritten and made distinct from the corresponding TP job descriptions and processes.
The Coexistence Option

Distinction between TP and Lecturer tracks?

- **TP:** full-time academic career with expectations of impact beyond just the courses taught (dept, univ, world)

- **Lecturer:** part-time, short-term, and/or narrowly focused on specific courses
The Replacement Option

The TP track *replaces* the Lecturer track.

TP track inherits the Lecturer track job descriptions and processes with perhaps some adjustments.
Comparison: Coexistence vs. Replacement

Coexistence:
• Opportunity to distinguish professorial-level teaching contributions
• Gives units flexibility
• (The dominant model in our peer study)

Replacement:
• Easier to implement
The Merger Option (Version 1)

The TP track *merges* with the Lecturer track.

- Lecturer
- Senior Lecturer Not-Yet-Renewed
- Senior Lecturer Has-Been Renewed
- Assistant TP
- Associate TP
- Full TP

(3 ranks)
The Merger Option (Version 2)

The TP track *merges* with the Lecturer track.
The Merger Option (Version 3)

The TP track *merges* with the Lecturer track.

- Lecturer
- Senior Lecturer
- Senior Lecturer
- Assistant TP
- Associate TP
- Full TP

(4 ranks)
Comparison: Merger vs. Others

Merger:
• Easiest to implement (in V1): SL-R -> TP

Coexistence/Replacement:
• Better address recruitment/retention
• Standard title sequences won’t confuse the external world (or us)
Conclusion: Questions to Consider

- Which of the options best addresses recruitment and retention concerns?
- For the coexist option, how would the two tracks be distinguished?
- If the enabling legislation approach is taken, what would the required proposal to the Senate look like for each of the options?
- How would the transition to each of the options be handled taking into consideration timeline, possible unintended side effects, and administrative overhead.
- For each option, what would the title description writeups look like in the Approved Academic Titles document?
Need Feedback

To put together the best possible proposal, we need feedback.

Comments can be posted on the DoF website.

You can also email us directly:

mrc26@cornell.edu

cfv3@cornell.edu
Senate Discussion
Dean of the Cornell School of Continuing Education

Mary Loeffelholz, Dean of the School of Continuing Education, Literatures in English
School of Continuing Education and Summer Sessions

Mary Loeffelholz, Dean
Ongoing SCE programs

• Summer and Winter Sessions
  Winter 2023: 63 courses offered (100% online or other remote), 2,521 total sh enrollments
  Summer 2023: 336 courses offered, 12,182 total sh enrollments including Precollege students
    • 179 (53%) courses online, 157 (47%) in person; 8,382 sh (69%) online, 3,800 (31%) in person

• Precollege
  Summer 2023: 4,066 sh enrollments, 100% online
  Summer 2024: Intensive residential programs slated to run alongside online

• Support for units registering nonmatriculated students: OGL, eCornell NEEL course offerings in Title I high schools
Proposed online, part-time bachelor’s degree

Based on 28 October 2021 recommendation to the Provost:

• A “finite set of focused major options” keyed to institutional strengths and student demand

• With “elements of a liberal education and focus on skills for the 21st century”

• Predominantly asynchronous online instruction, with synchronous activities
  • Drawing on existing eCornell certificates and courses

• Faculty engagement and high-quality academic and career advising

• Potential constituency of working adults, active-duty military and veterans, incarcerated individuals, farmworkers and families, Indigenous communities
Coming before the Faculty in AY2023-24

Proposed curriculum for PT online Bachelor of Science

• Major in Law, Society, and Policy with choice of concentration in (1) health and healthcare or (2) environmental sustainability

• Major in Business Management

• Minors offered in business and data analytics

• BS liberal arts distribution requirements plus a set of fundamental courses (writing, statistics, inequality, capstone) that must be taken at Cornell
Senate Q&A
Good of the Order               Adjournment